

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	111	mixing ratio near7 pressure near7 (maintain\$4 or constant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 10:45
L3	3	mixing ratio near7 pressure near7 (maintain\$4 or constant) near7 flow rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 10:47
L4	2	mixing ratio near19 (pressure near3 (maintain\$4 or constant)) near19 flow rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 10:49
L5	1	mixing ratio near19 (pressure near3 (keep \$4 or kept)) near19 flow rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 10:49
L6	97	ratio near9 (pressure near3 (maintain\$4 or constant)) near9 flow rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 11:10
L7	2	"2000208471"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 12:57
L11	19	"60048160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 14:11
S1	2	("6129098"   "6518721").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:41

S2	7	("2604108"   "2619107"   "3894662"   "5000844"   "5484106").PN. OR ("6129098").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:43
S3	904	additive.ti. and pressure.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:45
S4	15	additive.ti. and ((higher or greater or larger) pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:45
S5	40	additive.ti. and ((higher or greater or larger) near3 pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:48
S6	80	ultrapure and ((higher or greater or larger) near3 pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:48
S7	16	ultrapure and ((higher or greater or larger) near3 pressure).clm. and electrolytic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:48
S8	3	additive.ab. and ((higher or greater or larger) near3 pressure).clm. and electrolytic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:49
S9	209	additive.ab. and ((higher or greater or larger) near3 pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:49
S10	40	additive.ti. and ((higher or greater or larger) near3 pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:50
S11	656	suganuma.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:50
S12	254	suganuma.in. and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:51
S13	49	suganuma.in. and pressure and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:51
S14	18	suganuma.in. and pressure and electrolytic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:52
S15	111	pressure.clm. and (electrolytic with additive)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:53
S16	6	pressure.clm. and (electrolytic with additive) and (hollow fiber)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:53
S17	10	(electrolytic with additive) and (hollow fiber)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:54

S18	129	pressure.clm. and (electrolytic) and (hollow fiber)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 10:55
S19	3514	(hollow fiber) with (conduit or pipe or tube)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:06
S20	1886	(hollow fiber) near2 (conduit or pipe or tube)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:06
S21	458	(hollow fiber) near2 (conduit or pipe or tube) and pressure.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:06
S22	0	(hollow fiber) near2 (conduit or pipe or tube) and "pressure.clm.and" additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:06
S23	91	(hollow fiber) near2 (conduit or pipe or tube) and pressure.clm. and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:07
S24	3	(hollow fiber) near2 (conduit or pipe or tube) and pressure.clm. and additive.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:07
S25	0	(hollow fiber) near2 (conduit or pipe or tube) and additive.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:07
S26	17	(hollow fiber) near2 (conduit or pipe or tube) and additive.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:07
S27	11	(hollow fiber) near (conduit or pipe or tube) and additive.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:08
S28	1108	(hollow fiber) near (conduit or pipe or tube)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:08
S29	68	(hollow fiber) near (conduit or pipe or tube) with flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:08
S30	18	(hollow fiber) near (conduit or pipe or tube) near3 flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:08
S31	164	137/806.ccls	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:02
S32	121	137/806.ccls and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:07
S33	10	137/806.ccls and pressure and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:07

S34	286	pressure.clm. and additive and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:09
S35	3	pressure.clm. and additive.ab. and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:09
S36	4145	pressure.clm. and additive.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:10
S37	905	pressure.clm. and additive.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:10
S38	1781	pressure.clm. and (electrolytic) and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:10
S39	157	pressure.clm. and (electrolytic).ab. and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:11
S40	11	pressure.clm. and (electrolytic).ab. and additive.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:11
S41	0	(electrolytic) and (additive with suppl\$5 with pressure).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:12
S42	16	(electrolytic) and (additive with suppl\$5 with pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:12
S43	11	137/806.ccls. and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:14
S44	204	microfluidic.ti. and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:15
S45	4	microfluidic.ti. and (additive with pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:16
S46	0	( solution same (primary fluid) same continuously)".clm"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:18
S47	2	(solution same (primary fluid) same continuously).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:18
S48	56	(solution same additive same continuously). clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:18
S49	10	(solution same additive same continuously same pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:19
S50	0	(solution same additive same circulation same pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:21
S51	98	(solution same circulation same pressure).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:21

S52	10	(solution same circulation same additive).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:21
S53	3	(electrolytic aqueous solution) with pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:23
S54	156	(aqueous solution) with pressure with additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:24
S55	0	venturi with additive and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:27
S56	47	venturi and additive and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:27
S57	18	venturi and additive and microfluidic and pressure.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:28
S58	47	venturi and additive and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:30
S59	33	venturi and microfluidic and pressure.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:30
S60	143	(specific resistance) and (ultrapure water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:35
S61	62	(specific resistance) with (ultrapure water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:35
S62	9	(specific resistance) with (ultrapure water) with high	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:35
S67	13	(continuous with additive with suppl\$5). ab. and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:47
S68	211	(continuous with additive).ab. and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:50
S69	40	(continuous with additive).ab. and pressure.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:50
S70	34	(continuous with additive).ab. and pressure and additive. ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:50
S71	6	(continuous with additive).ab. and pressure.ab. and additive.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:51
S72	0	(continuous with additive).ab. and pressure.ab. and solution.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:52
S73	9	(additive).ab. and pressure.ab. and solution.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:52

S74	1	microfluidic.ab. and venturi.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:53
S75	35	(additive).ab. and pressure.ab. and mix\$3.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:53
S76	49	(additive).ab. and pressure.ab. and mix\$4.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 10:53
S77	30	(anion and liquid).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 11:35
S78	336	(electrolytic adj3 solution) and (specific resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:51
S79	135	(electrolytic adj3 solution) and (specific resistance) and additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:51
S80	13	(electrolytic adj3 solution) and (specific resistance) and (ultrapure water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:51
S81	0	(continuous with additive with suppl \$3with (mix\$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:55
S82	3	(continuous with additive with suppl\$3 with (mix\$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:56
S83	4	(pressure with additive with suppl\$3 with (mix \$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:56
S84	99	(additive with suppl\$3 with (mix\$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:58
S85	238	(pressure with additive with (mix\$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:58
S86	14	(pressure with flow with additive with (mix \$5 or solution)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 13:59

S87	22	("2453465"   "2631017"   "3115195"   "3591147"   "3691070"   "3782695"   "3843099"   "3893655"   "4051065"   "4210166"   "4444277"   "4664528"   "4812047"   "5213414"   "5344619"   "5413184"   "5720551"   "5779355").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:01
S88	6	("20070119977"   "3338173"   "3807434"   "6293294"   "6638258").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:03
S89	25	("2719704"   "2800313"   "3727640"   "3728129"   "3822217"   "3853784"   "3960175"   "4103876"   "4147657"   "4314671"   "5054688"   "5055008"   "5234322"   "5518020"   "5678593"   "5799831").PN. OR ("6293294").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:04
S90	38	("2064627"   "2181069"   "2563211"   "2737414"   "2931580"   "2989979"   "3123362"   "3198438"   "3595395").PN. OR ("3807434").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:05
S91	91	(continuous\$3 with chlorinat\$3).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:11
S92	0	(continuous\$3 with chlorinat\$3).ab. and pressure and flow and water	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:12
S93	29	(continuous\$3 with chlorinat\$3).ab. and pressure and flow and water	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:12
S94	0	(additive with (higher pressure))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:24
S95	27	(additive with (higher pressure)) same flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:24

S96	12	{additive near6 (higher pressure)) same flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:25
S97	9	{additive near3 ( pressure)) and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:29
S98	11	{additive near5 ( pressure)) and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:29
S99	24	{additive near7 ( pressure)) and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:29
S100	1803	{additive near7 ( pressure)) and chromatograph\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:35
S101	757	{additive near2 ( pressure)) and chromatograph\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:35
S102	0	{additive near2 (higher pressure)) and chromatograph\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:35
S103	1	{additive near7 (higher pressure)) and chromatograph\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:35
S104	55	{additive near7 (pressure) with flow) and chromatograph\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 14:35
S105	1	"137".clas. and (fibrous tube with hollow fiber)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 16:22
S106	5	"137".clas. and (tube with hollow fiber)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/16 16:23
S107	929	137/605.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:11
S108	0	137/605.ccls. and (S107 mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:11
S109	9	137/605.ccls. and (mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:11
S110	41	137/606.ccls. and (mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:13
S111	820	{fluid near2 mixing) and (mm) and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:16
S112	392	{fluid near2 mixing) and ((dia or diameter) with mm) and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:17
S113	15	{fluid near2 mixing) ab. and ((dia or diameter) with mm) and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:17



S114	8	((additive).ab. and ((dia or diameter) with mm) and micro\$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:20
S115	44	((additive with flow) and ((dia or diameter) with mm) and micro\$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:21
S116	398	((additive with flow) same pressure) and ((dia or diameter) with mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:23
S117	181	((additive with flow) with pressure) and ((dia or diameter) with mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:24
S118	0	((additive with flow) with pressure) and ((dia or diameter) with S107 mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:28
S119	4	((additive with flow) with pressure) and ((dia or diameter) with "1.0" mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:28
S120	0	((additive with flow) with pressure) and ((dia or diameter) with ".01" mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:28
S121	0	137/605.ccls. and micro-fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:29
S122	1	137/605.ccls. and micro \$1fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:29
S123	16	(fluid near2 mixing with pressure).ab. and ((dia or diameter) with mm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/17 12:30
S124	907	(fiber or fibrous) near3 (tub\$4 or conduit or pip \$4) near5 pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:55
S125	17	(fiber or fibrous) near3 (tub\$4 or conduit or pip \$4) near5 pressure drop	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:56
S126	11	"1170328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 15:59

S127	4	"6129098"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:00
S128	126897	dainippon.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:01
S129	29170	dainippon.as. and ink. as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:01
S130	0	dainippon.as. and ink. as. and "139804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:01
S131	2	dainippon.as. and ink. as. and "11139804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:01
S132	8	dainippon.as. and ink. as. and pressure and ultrapure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:02
S133	9	"1715493"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:05
S134	1573	fiber and pressure and ultrapure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 16:05
S135	1545	fiber and pressure and ultrapure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:05
S136	1046	fiber and pressure and ultrapure water	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:05

S137	430	fiber and pressure and ultrapure water and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:06
S138	39	fiber.ab. and pressure and ultrapure water and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:06
S139	8	(fiber or fibrous).ab. and pressure.ab. and ultrapure water and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:08
S140	2	(fiber or fibrous).ab. and pressure.ab. and ultrapure water and semiconductor and (not filter\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:13
S141	5	(fiber or fibrous).ab. and pressure and ultrapure water and semiconductor and (not filter\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:13
S142	178	(fiber or fibrous).ab. and pressure drop.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:14
S143	2	(fiber or fibrous) near2 (tube or conduit or pipe).ab. and pressure drop.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:14
S144	0	(fiber or fibrous) near2 (tube or conduit or pipe).ab. Specific resistance	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:57
S145	0	(fiber or fibrous) near2 (tube or conduit or pipe).ab. and Specific resistance	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:57
S146	33	(fiber or fibrous) near2 (tube or conduit or pipe).ab. and pressure drop	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 16:57
S147	1384	hollow fiber near5 pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:31
S148	53	hollow fiber near5 pressure drop	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:31
S149	49	hollow fiber near5 pressure and ultrapure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:36
S150	9	hollow fiber near9 pressure.ab. and ultrapure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:36
S151	5	hollow fiber near9 pressure.ab. and ultrapure	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 17:38

S152	0	fibrous (tub\$4 or conduit or pip\$4) near9 pressure.ab. and ultrapure	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 17:39
S153	0	(fiber or fibrous) near3 (tub\$4 or conduit or pip \$4) near9 pressure.ab. and ultrapure	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 17:39
S154	0	(fiber or fibrous) near3 (tub\$4 or conduit or pip \$4) near9 pressure.ab. and ultrapure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 17:39
S155	2	(fiber or fibrous) near3 (tub\$4 or conduit or pip \$4) near9 pressure and ultrapure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/02 17:39
S156	0	presure (drop or control \$4 or regulat\$4) near5 ((fiber or fibrous) (tub\$4 or conduit or pip \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 13:34
S157	16	pressure (drop or control\$4 or regulat\$4) near5 ((fiber or fibrous) near2 (tub\$4 or conduit or pip\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 13:34
S158	1118	((maintain\$4 or constant) near2 ratio) near5 (pressure near2 (constant or maintain \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:31
S159	0	((maintain\$4 or constant) near2 ratio) near5 (pressure near2 (constant or maintain \$4)) near5 additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:31
S160	1	((maintain\$4 or constant) near2 ratio) near15 (pressure near2 (constant or maintain \$4)) near19 additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:31
S161	589	((maintain\$4 or constant) near ratio) near5 (pressure near2 (constant or maintain \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:32

S162	105	((maintain\$4 or constant) near3 ratio) near5 (pressure near3 constant or maintain \$4)) near19 (flow rate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:34
S163	16	((maintain\$4 or constant) near3 ratio) near5 (pressure near constant) near19 (flow rate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:08
S164	18	((maintain\$4 or constant) near3 ratio) near9 (pressure near constant) near19 (flow rate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:09
S165	607	((maintain\$4 or constant) near3 ratio) near5 (pressure near constant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:09
S166	8	((maintain\$4 or constant) near2 ratio) near5 (pressure near2 constant or maintain \$4)) same additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:10
S167	193	((maintain\$4 or constant) near3 ratio) near5 (pressure near3 constant) near19 flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:11
S168	0	((maintain\$4 or constant) near3 ratio) near5 (pressure near3 constant) near19 fadditive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:29
S169	1	((maintain\$4 or constant) near3 ratio) near5 (pressure near3 constant) near19 additive	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:29
S170	7	((maintain\$4 or constant) near3 ratio) near5 (supply pressure near3 constant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:29
S171	8	((maintain\$4 or constant) near3 ratio) near9 (pressure near3 constant) near19 (flow rate near2 (chang\$4 or vary\$4 or variable))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:31

S172	617	((maintain\$4 or constant) near2 ratio) near5 (pressure near2 (constant or maintain \$4)) and mix\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:32
S173	117	((maintain\$4 or constant) near2 ratio) near5 (pressure near2 (constant or maintain \$4)) near5 flow	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:33
S174	9	((maintain\$4 or constant) near3 mixing ratio) near5 (pressure near3 (constant or maintain\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:51
S175	68	(mixing ratio) near9 (pressure near3 (constant or maintain \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:53
S176	41	additive near5 (pressure near constant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 17:22
S177	1	additive near5 (pressure near3 constant) near9 ((kept or keep\$4 or maintain \$4) near3 ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 17:29
S178	1	additive near15 (pressure near3 constant) near19 ((kept or keep\$4 or maintain \$4) near3 ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 17:29
S179	1	additive near15 (pressure near3 constant) near19 ((kept or keep\$4 or maintain \$4) near5 ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 17:30
S180	2	additive near15 (pressure near3 constant) near19 ((kept or keep\$4 or maintain \$4) near5 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 17:30

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